

INTERNATIONAL SEARCH REPORT

International Application No

.../BE2004/000045

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C04B35/66 C04B35/18 F27D1/16 C10B29/06 C21C5/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B F27D C10B C21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 340 782 A (LANGENOHL MARK C) 23 August 1994 (1994-08-23) column 1, line 44 - column 2, line 7; examples 2,3	1-10
A	US 4 596 601 A (RUECKL ROGER L) 24 June 1986 (1986-06-24) column 2, line 62 - column 3, line 7	1-10
A	US 4 992 397 A (HUGHES JR GUSTAV O) 12 February 1991 (1991-02-12) claim 1; example 7; table 3	1-10
A	EP 0 364 640 A (CHICAGO FIRE BRICK CO) 25 April 1990 (1990-04-25) example 4	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

26/08/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5340782	A	23-08-1994	CA 2124993 A1 MX 9405153 A1	27-01-1995 31-01-1995
US 4596601	A	24-06-1986	WO 8706224 A1 AU 5695886 A CA 1233840 A1 CN 85109463 A ,B ES 8706586 A1 US 4695323 A ZA 8509264 A AT 73746 T DE 3684482 D1 EP 0293365 A1 JP 1500106 T	22-10-1987 09-11-1987 08-03-1988 03-09-1986 16-09-1987 22-09-1987 24-09-1986 15-04-1992 23-04-1992 07-12-1988 19-01-1989
US 4992397	A	12-02-1991	NONE	
EP 0364640	A	25-04-1990	US 4780142 A EP 0364640 A1 JP 2116681 A US 4921536 A	25-10-1988 25-04-1990 01-05-1990 01-05-1990